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07/11/03

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-33969
First Inventor	Xiaowei Deng
Title	SYSTEM FOR REDUCING ROW PERIPHERY POWER CONSUMPTION IN MEMORY DEVICES
Express Mail Label No.	EU 824396557 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2.  Applicant claims small entity status.  
See 37 CFR 1.27.3.  Specification  
(preferred arrangement set forth below)  

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

[ Total Pages

22 ]

4.  Drawing(s) (35 U.S.C. 113)  
Sheets

[ Total

1 ]

5. Oath or Declaration  
Pages

[ Total

1 ]

a.  Newly Executed (original or copy)b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)**DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

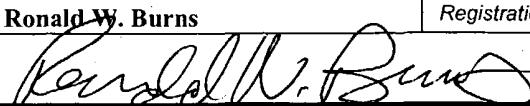
23494

(Insert Customer No. or Attach bar code label here)

or

 Correspondence address below

NAME	Texas Instruments Incorporated			
ADDRESS	P.O. Box 655474			
CITY	Dallas	STATE	TX	ZIP CODE
COUNTRY	USA	TELEPHONE	TI Attorney Ph. 972-917-4371	FAX 972-917-4418

Name (Print/Type)	Ronald W. Burns	Registration No. (Attorney/Agent)	44,044
Signature			Date
			July 11, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL for FY 2003

**TOTAL AMOUNT OF PAYMENT**

**\$1090**

## Complete If Known

Application Number	New
Filing Date	July 11, 2003
First Named Inventor	Xiaowei Deng
Examiner Name	
Group Art Unit	
Attorney Docket No.	TI-33969

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

**20-0668**

Deposit Account Name

Texas Instruments Incorporated

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  **Payment Enclosed:**

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee of oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of information Disclosure Stmt	180
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	750	201	375
106	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80
<b>SUBTOTAL (1)</b>			<b>\$750</b>

### 2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims	22 -20** = 2	18 = 36
Independent Claims	4 -3** = 1	84 = 84
Multiple Dependent		0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103	18	203	9
102	84	202	42
104	280	204	140
109	84	209	42
110	18	210	9
<b>SUBTOTAL (2)</b>			<b>(\$ 120)</b>

\*\*or number previously paid, if greater; For Reissue, see above

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

**\$220**

## SUBMITTED BY

Name (Print/Type)

Ronald W. Burns

Registration No.  
(Attorney/Agent)

44,044

Telephone

214-535-1079

Signature

Ronald W. Burns

Date

July 11, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

# RONALD W. BURNS, P.C.

Intellectual Property Protection and Enforcement

July 11, 2003

**VIA EXPRESS MAIL NO.: EU 824396557 US**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Inventor: Xiaowei Deng, et al.  
Patent Application Entitled: SYSTEM FOR REDUCING ROW PERIPHERY POWER  
CONSUMPTION IN MEMORY DEVICES  
Docket No.: TI-33969  
Our File No.: 12001-1211

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified application::

1. Utility Patent Application Transmittal (1 p.);
2. Patent Application (22 pp.);
3. Formal drawings (1 pp.);
4. Declaration and Power of Attorney (1 p.)
5. Assignment and Recordation Cover Sheet (3 pp.);
6. Fee Transmittal (2 pp.);
7. Information Disclosure Statement (3pp.);
8. PTO Form 1449 and references (12pp); and
9. Return postcards (2).

Please file the above-referenced documents and return the date-stamped postcards. If you have any questions or comments concerning any of the above, please call the undersigned at your convenience. Otherwise, please accept the enclosed.

Sincerely,



Ronald W. Burns  
Registration No.: 44,044

Enclosures

cc: Cindy Dees (w/enclosures)